

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: TAKEHISA ISHIHARA ET AL.)
Serial No.: 10/600,559) Group Art Unit: 2862
Filed: June 20, 2003) Examiner: Ledyne, Bot L.
For: ROTATION SENSOR AND)
DISPLACEMENT DETECTING)
APPARATUS AND METHOD)
UTILIZING THE SAME)

DECLARATION UNDER 37 CFR 1.132

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

The inventors of the above-referenced application declare and say:

1. We, Fumihiko ABE; Dongzhi Jin; and Kengo TANAKA declare and say that we are the inventors in the above-referenced application.

2. I, Fumihiko ABE, am an inventor of the above-referenced U.S. patent application serial number 10/600,559 (hereinafter "present application"). I graduated from Osaka University with a Bachelor Degree in control engineering in 1977. Since 1977, I have been employed by the Furukawa Electric Co., Ltd. as a control engineer. At the Furukawa Electric Co., Ltd., I have been engaged in development of sensor equipment

3. I, Dongzhi JIN, am an inventor of the present application. I graduated from Tokyo University with a Master Degree in mathematical engineering in 1985. I had been an employee of the Furukawa Electric Co., Ltd. from 1985 to October 15, 2001, as an engineer. At the Furukawa Electric Co., Ltd., I had been engaged in development of sensor equipment. Since October 16, 2001, I have been engaged in the Furukawa Electric Co., Ltd., based on the special contract with the Furukawa Electric Co., Ltd., and as a

contact engineer. At the Furukawa Electric Co., Ltd., I have engaged in development of sensor equipment.

4. I, Kengo TANAKA, am an inventor of the present application. I graduated from Shizuoka University with a Bachelor Degree in physics in 1992. Since 1992, I have been employed by the Furukawa Electric Co., Ltd. as an engineer. At the Furukawa Electric Co., Ltd., I have been employed in development of sensor equipment.

5. We conceived of or invented the subject matter disclosed in U.S. Patent Application Publication US2002/0078764, relied upon by the Examiner for rejection of the claims 1-2, 7-8, and 14 in the present application under 35 USC §102(e).

6. References U.S. Patent Application Publication US2002/0078764 is therefore disqualified as prior art under 35 USC §102(e).

7. We declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent.

Date: March 16 2005

Fumihiko Ake

Fumihiko ABE

Date: March 16, 2005

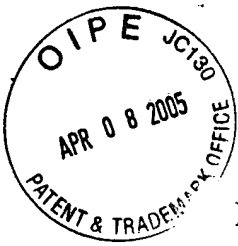
Dongzhi Jin

Dongzhi JIN

Date: March 16, 2005

Kengo Tanaka

Kengo TANAKA



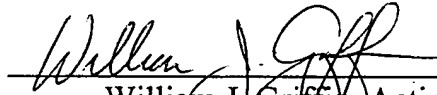
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATE PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 11.9(b)

Soonja Bae is hereby given limited recognition under 37 CFR § 11.9(b) as an employee of Cantor Colburn LLP to prepare and prosecute patent applications wherein the patent applicant is the client of Cantor Colburn LLP, and the attorney or agent of record in the applications is a registered practitioner who is a member of Cantor Colburn LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Soonja Bae ceases to lawfully reside in the United States, (ii) Soonja Bae's employment with Cantor Colburn LLP ceases or is terminated, or (iii) Soonja Bae ceases to remain or reside in the United States on an H-1 visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: July 22, 2005



William J. Griffin, Acting Director
Office of Enrollment and Discipline